

THE BULLETIN

APRIL 6, 1998 ~ 51ST YEAR ~ NUMBER 16

Gift Guidelines Brought Forward

BY BRUCE ROLSTON

THE UNIVERSITY'S NEW guidelines for donations will help clarify relationships and expectations with donors, says Vice-Provost Paul Gooch.

The guidelines, which will be presented to Academic Board April 9, were "developed to underscore the university's fundamental principles and policies for private support of its endeavours," Gooch said, but they also affirm the university's commitments to its benefactors.

While the principles and policies reflected in the guidelines are not new, reaffirming them as part of the current fundraising campaign will provide an explicit statement so that there can be no misinterpretation about the relationship between the university and its donors, he added.

The provostial guidelines consist of 12 principles, based in previously approved university policy. First of the 12 is a reaffirmation of the university's dedication to the principle of academic freedom: "At the heart of the university lies the

commitment to academic freedom, which may not be abridged."

Academic freedom is at the heart of the second principle, as well, which states: "The university values and will protect its integrity, autonomy and academic freedom, and does not accept gifts when a condition of such acceptance would compromise these fundamental principles."

U of T Faculty Association president Bill Graham, who was consulted in the formation of the guidelines, praised the university's initiative. "The guidelines are a substantial improvement over what we had before — which was nothing," he said. "We're pleased they've responded to the concerns of the community."

Graham said the association would be suggesting some amendments at Academic Board. Specifically, the guidelines should make explicit that the Memorandum of Agreement between the university and its faculty must be adhered to and should also make the language denying donors influence over academic appointments more clear, he said.

BRASS TEACH CLASS



David Obanian, French horn player for the Canadian Brass (right), discusses technique with music student Melissa Trew March 26. Obanian and the other four members of the world-famous ensemble were recently named the first Yamaha artists-in-residence at the Faculty of Music. The group will conduct several master classes at the faculty as part of their residency.

JEWEL RANDOLPH

Professor Takes Space Flight

BY CHRISTINA MARSHALL

THE COUNTDOWN IS LITERALLY on for a U of T researcher to study the two final frontiers of the 20th century — inner and outer space.

On April 16, Professor Dafydd (Dave) Williams of surgery is scheduled to blast into space for a 16-day mission on the Space Shuttle *Columbia* to investigate the human nervous system. Williams says he'll be taking a U of T pin with him on his flight.

The mission has been named Neurolab since the space shuttle

has been transformed into an orbiting laboratory for neurosciences. Together with six other astronauts, Williams will study the effects of weightlessness, a phenomena that effects functions such as the regulation of sleep, the coordination of movement and the regulation of blood pressure. Findings are hoped to advance the treatment of orthostatic hypotension, Parkinson's disease and other neurological disorders, insomnia, and inner ear disease or trauma.

When Williams takes off from NASA's Space Kennedy Center,

he'll become the first faculty member and the seventh Canadian astronaut to fly on a space shuttle mission. Williams, 44, is also the first person from outside the United States to be named official Crew Medical Officer.

Prior to being selected by the Canadian Space Agency in June 1992 Williams was acting director of the department of emergency services at Sunnybrook Health Science Centre. Those wishing to virtually accompany Williams can tune into the Canadian Space Agency Web site at www.space.gc.ca.

FUND RAISING SPRINGS AHEAD

BY SUSAN BLOCH-NEVITTE

WITH \$328 MILLION IN pledges and donations raised towards its goal of \$400 million, one would expect the Campaign for the University of Toronto could ease up a little this spring, right?

Perhaps, if one were willing to ignore that the academic divisions actually need \$600 million to fund all their academic priorities. Jon Dellandrea, vice-president and chief development officer, says there's a lot more still to be done. "When this campaign is over we expect to say we met *all* our divisional goals. We're not prepared to rest until we've done that." So much for spring.

Known as a campaign of campaigns, U of T's fundraising effort is built on the academic priorities of 28 colleges, faculties and divisions. Each has its own goal, its own volunteers and its own passion to fund as many of its academic priorities as possible.

Take Innis College. "When I became principal there was \$400 in endowed accounts for scholarships," says Principal John Browne.

"Now we have almost \$1.5 million and we still want to do better than that." Aside from scholarships Browne also intends to significantly shore up student services to the tune of at least \$500,000. "We all see the value of integrated student services — a sort of one-stop shopping, from the registrar to the writing lab. We are really putting a push on that."

Browne and his campaign committee have plans — big plans. "We have unclosed deals on gifts of more than \$500,000. There's a donor who's looking for a matching opportunity. We're developing schemes to cooperate with colleagues in other divisions of the university to pool our efforts because there's a lot of strength in cooperative ventures, especially with smaller divisions. And we're building the contacts with donors and alumni and creating the internal infrastructure to sustain this advancement effort over time. Are we almost done? Hardly."

Dellandrea says the campaign executive may still choose to raise

~ See CAMPAIGN Page 4 ~

NMR Facility Nears Approval

BY MEGAN EASTON

THE FACULTY OF MEDICINE may soon be among the world's leaders in the field of nuclear magnetic resonance imaging.

On Feb. 24 Planning and Budget Committee endorsed a \$965,000 project that will renovate the McMurrich Building to accommodate the latest in nuclear magnetic resonance spectroscopy. "There's no question that installation of an 800 MHz machine will place U of T in the forefront of research in structural biology in Canada and make us competitive with our American counterparts," said Professor Cecil Yip, vice-dean of research for the faculty. "The new machine has the largest

magnetic field available commercially," said Professor Lewis Kay of molecular and medical genetics, one of four principal investigators who will use the new NMR facility. He says the machine's increased power makes it a more sensitive instrument for determining the three-dimensional structure of molecules — knowledge that is used to unravel the workings of disease and to design more effective drugs, among other things.

The facility will be a joint project of the faculty, the Toronto Hospital and the Hospital for Sick Children.

Several existing rooms in the McMurrich Building will be displaced by the new NMR since it requires a large space to minimize the risk of magnetic exposure.

One of the most significant structural changes in the renovation will be the demolition of the first-floor lecture theatre. The number of teaching hours in this room is well below the recommended Council of Ontario Universities standard and any courses currently taught in it will be relocated. The offices below the theatre will have to be relocated.

Seven machines purchased in the early 1990s by participating hospitals and the faculty are currently located in the NMR centre in the Medical Sciences Building. Once fully approved by university governance, the faculty hopes to have the new facility operational by September.

IN BRIEF



Wilson returns to council

IN THE RECENT GOVERNING COUNCIL ELECTION JUDITH WILSON of the Institute for Environmental Studies defeated Alex Waugh, vice-principal of Woodsworth College, to win one of the two seats on Governing Council reserved for administrative staff. Wilson, a former president of the U of T Staff Association, returns to join John Malcolm, also a former UTSA president. Wilson's message was: "A Great University cannot deliver its promise without Great Staff." Of the 1,468 valid ballots cast, Wilson garnered 850 and Waugh, 615; three were spoiled. Nearly a third of the 4,963 members in the constituency voted.

Halperin named senior adviser

PROFESSOR STEPHEN HALPERIN HAS BEEN NAMED THE NEW SENIOR adviser for research and international relations. Halperin, who will continue as chair of the Department of Mathematics, was named to the position March 1. Professor Heather Munroe-Blum, vice-president (research and international relations), said Halperin will work in planning and policy development on a variety of research and international matters.

Travel Centre suspends service fees

BECAUSE OF STRONG DEMAND AND AN INCREASED VOLUME OF BUSINESS, the U of T Travel Centre has decided to suspend service fees until June 16. The announcement was made in a memo to all faculty and staff March 16. The centre introduced service fees Feb. 3 for all bookings made Feb. 3 to March 13 in response to the announcement that effective Nov. 1, 1997, all major airlines servicing Canada would reduce commissions paid to all travel agencies. The centre has many services designed specifically for the university and with solid support from the university community it may be able to avoid services fees altogether, the memo states.

Highway reappointed Fairley visitor

PLAYWRIGHT TOMSON HIGHWAY HAS BEEN REAPPOINTED AS BARKER Fairley Distinguished Visitor in Canadian Culture for the 1998-99 academic year. "Tomson Highway has truly been an outstanding Barker Fairley Visitor and a definite asset to University College," Principal Paul Perron wrote in a memo to members of the college March 30. The visitorship, named for scholar and painter Barker Fairley, is awarded yearly to accomplished individuals in various fields.

AWARDS & HONOURS



Faculty of Arts & Science

PROFESSOR ROGER CLAPP OF GEOGRAPHY IS THE recipient of the Wrigley-Fairchild Award of the American Geographical Society. The prize is given for the best article published in the *Geographical Review*, the scholarly journal of the society, over a three year period. Clapp's article, *The Unnatural History of the Monterey Pine*, appeared in the January 1995 issue.

PROFESSOR PAUL GRENDLER OF HISTORY WAS awarded the Society for Italian Historical Studies' 1998 Citation to a Senior Scholar for achievement over the course of a career; Grendler has written six books, over 50 articles and innumerable book reviews. The society is a scholarly association of historians of Italy of all centuries.

PROFESSOR UTE LISCHKE-MCNAB OF GERMANIC languages and literatures has been elected president of the Ontario Association of Teachers of German for a two-year term. The association is an organization of teachers of German in primary and secondary schools, universities, colleges and institutes of adult education; it supplies support services for teaching, organizes seminars and workshops about new teaching methods and actively promotes the German language, culture and literature.

Faculty of Dentistry

DR. ABBYANN LYNCH, AN ASSOCIATE PROFESSOR in the Faculty of Dentistry, was invested as a member of the Order of Canada Feb. 4. Lynch was cited in her appointment for her development of "the science of medical bioethics in our country." Currently Director of Ethics in Health Care Associates, she was founder of the Canadian Bioethics Society and the National Council in Bioethics in Human Research. She has taught ethics to dental students at the undergraduate and postgraduate levels since the early 1980s.

Faculty of Medicine

PROFESSOR NICHOLAS DIAMANT OF THE Department of Medicine has received the Jansen Award for Lifetime Achievement in Gastrointestinal

Motility. The award, which will be presented at Digestive Diseases Week in New Orleans in May, recognizes scientists and clinicians who continue to make significant contributions to gastrointestinal motility research and are the academic leaders and teachers in this field.

PROFESSOR ARLETTE LEFEBVRE OF PSYCHIATRY IS THE recipient of the 1998 Glenn Sawyer Service Award from the Hospital for Sick Children Medical Society. The award will be presented May 23 during the Ontario Medical Association's annual meeting in Toronto. Lefebvre has been on staff at the Hospital for Sick Children for 22 years and works with children with disabilities.

OISE/UT

PROFESSOR ALISON PRENTICE OF THEORY AND political studies in education at the Ontario Institute for Studies in Education of the University of Toronto will receive an honorary doctor of laws degree June 10 from the University of Western Ontario at spring convocation ceremonies. Prentice is one of Canada's leading historians and her contributions to Canadian social history, especially women's and educational history, are recognized internationally.

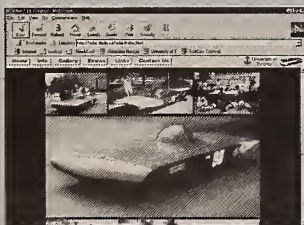
Research & International Relations

THE CANADIAN UNIVERSITY STUDY ABROAD program, a collaboration of five Canadian universities including U of T, has won a Scotiabank-Association of Universities and Colleges of Canada Award of Excellence in Internationalization. The program, which this year sent 300 undergraduates from U of T, UBC, Dalhousie University, Queen's University and the University of Western Ontario to Queen's international study centre at Herstmonceux Castle in England to complete part of their studies, was rewarded for giving Canadian students and faculty a broader global perspective before returning to their home universities. St. Mary's University was co-winner of the award for its extension program in Gambia.

ON THE INTERNET

FEATURED SITE

Road warriors



IN THE TRUE SPIRIT OF intercollegiate engineering competition, the U of T team is gearing up for various upcoming solar-powered car races. Comprised of 40 students, the team must design, fabricate and race a solar-powered car over a variety of terrains and at times, over the course of several days. The next major races will include the 10-day North American intercollegiate Sunrayce 99; and if the team is successful, the prestigious World Solar Challenge to be held in Australia in 1999. Although the team is only two years old and fairly inexperienced, it recently placed third this past September at the one-day Florida Sunday Challenge. There are plenty of cool graphics and a screen saver that's available for downloading. Plus, here's your chance to take the solar racer for a spin: check out the virtual model.

<http://solar.skule.ca/solar/index.htm>

U OF T HOME PAGE

www.utoronto.ca

THE CAMPAIGN FOR U OF T

www.uoftcampaign.com

RESEARCH UPDATES (NOTICES)

www.library.utoronto.ca/www/rir/hmpage/

PHD ORALS

www.sgs.utoronto.ca/phd_orals.htm

U OF T JOB OPPORTUNITIES

www.utoronto.ca/jobopps

If you want your site featured in this space, please contact Audrey Fong, community relations officer, at: audrey.fong@utoronto.ca



SITES OF INTEREST

4R environment

DID YOU KNOW THAT YOU CAN RECYCLE OVERHEAD transparencies and access a car pooling service in Toronto? The university's own environmental newsletter is now available on the Net. Learn about the proposed regeneration of Taddle Creek, the controversy over the provincial Blue Box program and other environmentally related issues.

<http://www.facilities.utoronto.ca/bldggrou/wasteman/4renviro.htm>

Take a walk on the wild side

EVER WANDERED AROUND CAMPUS AND WONDERED WHAT the vegetation growing in between the Ramsay Wright and Sid Smith was all about? Zoowoods is an example of naturalistic landscaping, where native plant species are assumed to be a better landscaping choice for the environment. Find out more about this unique beech-maple ecosystem, live laboratory and the type of plants that inhabit Zoowoods: you can even take a virtual tour. Better yet, check out the greenery in person. Plenty of visuals and great photos.

<http://www.cquest.utoronto.ca/env/env200y/zoowoods/>

COPPS 'N' ROBINSON



U of T hosted two prominent Canadian politicians March 26. Sheila Copps, Canada's heritage minister (left), was at the Faculty of Information Studies to deliver a lecture as part of the McLuhan

program's Canada by Design visionary speakers series. Before hand she attended a reception with Professor Heather Munroe-Blum, vice-president (research and international relations). Svend

Robinson, MP, a former leadership candidate for the New Democratic Party, was a special guest at University College later that day for the launch of the university's sexual diversity studies

Student Services Fee Increase Passes Unanimously

EMPLOYEES WHOSE SALARIES ARE paid by students have nothing to worry about for next year, after University Affairs Board voted to raise the non-academic student services budget enough to cover their recent salary increase.

The preservation of services was made possible by a 2.7 per cent increase in downtown student services fees, approved at the board's March 31 meeting.

The increase was necessary in large part because of the June 1997 agreement increasing compensation for administrative staff, reported David Neelands, assistant vice-president (student affairs), although some of the amount is going towards new initiatives.

The fee increases did not have the support of the student-run Council on Student Services. Since 1996 annual student service fee increases that are greater than the total of employee compensation increases plus the cost of inflation must be approved by this council. However, this year none of the fee increases were high enough to require its approval.

Both the Graduate Students' Union and the Students' Administrative Council oppose the increase although a representative of part-time students spoke in favour. Graduate Students' Union vice-president Michol Hoffman argued that the university should return to its former practice of subsidizing student services from its operating budget. A good start, Hoffman suggested, would be the \$140,000 students are paying for student service employee pensions that the university redirected this year due to the ongoing strength of its pension fund investments. In effect,

said Hoffman, the student fee is no longer just paying for non-academic services but subsidizing the rest of the university's operating budget as well.

This, combined with a resumption of university responsibility for deferred maintenance costs on buildings like Hart House and a freeze on new student services initiatives, would prevent the need for the \$13.30 increase this year, Hoffman argued. She urged board members to help pressure Governing Council to reverse its

policy of zero budgetary support for non-academic student services. "Let us together call upon the university to pay its fair share."

But her suggestion was not taken up by the members of the board, who instead voted unanimously in favour of the increase. None of the three student board members present (students have seven of 20 seats on the board) voted against the increase.

Alumni governor John Nestor spoke against a return to budgetary support, pointing out that the

removal of student services from the operating budget altogether four years ago allowed them to avoid repercussions from recent provincial funding cutbacks, unlike the rest of the university. "They're better off not being part of the operating budget," he said.

University Affairs Board is responsible for approving budgets for Hart House and athletics and recreation in addition to the university's other student services: the Career Centre, housing, psychiatric and health services, child care, inter-

campus bussing, space used by student societies, the International Student Centre and First Nations House.

Also at the meeting, Ian Orchard, vice-provost (students), announced the university would be interested in entering into discussions with student groups about assisting in renovation or capital costs for student buildings by offering a 50-cents-on-the-dollar match for any funds students raise themselves, as was done recently with the planned Erindale student centre.

Salary Hikes Cause Growth in \$100,000 List

BY JANE STIRLING

A THREE-YEAR COMPENSATION package for faculty and librarians, negotiated last June, is at the heart of a significant increase in names on U of T's salary disclosure list for those earning over \$100,000, says Wendy Cecil-Cockwell, vice-chair of Governing Council.

U of T's list has 21.6 per cent more names on it — 630 academic and administration employees compared with 518 last year. In an interview Cecil-Cockwell said the increase is directly attributable to the salary and benefits agreement negotiated between the U of T Faculty Association and administration last summer. The compensation package included a 0.5 per cent across-the-board increase and three progress-through-the-ranks (PTR) awards in 1997 — one of which was awarded retroactively — for those earning less than \$102,550. On average the PTR translates into \$1,400 for faculty and librarians earning more than

\$88,000. "This pushed a number of faculty over the \$100,000 mark," she noted. "Many of these people went over by a very small margin."

On March 31, U of T released its list of employees earning more than \$100,000, based on 1997 T4 income. The top five earners are: Dean Arnold Aberman of the Faculty of Medicine at \$285,122; Jon Dellandrea, vice-president and chief development officer, at \$258,000; Professor John Challis, chair of physiology, at \$209,347; Dr. Tina Williams, lecturer, Sioux Lookout Program, at \$203,333; and President Robert Prichard at \$201,000. (Williams' salary is a reflection of her duties as a surgeon in a remote Northern Ontario location, explained Aberman. Her remuneration came from professional income, not U of T's budget.)

Of the 630 names on the list, 599 are academics; 31, administration employees. For academics on the list the average salary is \$115,999, the average age, 55; for administration employees, the average salary is \$132,484, the average age, 51. The Faculty of Arts and Science tops the list with 199 names, followed by the Faculty of Medicine with 127.

U of T should not feel apologetic by its high number of highly paid employees, Cecil-Cockwell said. "It's vital that we pay competitive salaries. We're the number one university in this country by size and, as *Maclean's* magazine reported for the fourth consecutive year, the number one

research-intensive university. If we want to attract and keep the best professors and avoid being raided from universities south of the border and out of province, we must be able to compete with salaries."

She also noted that the percentage of women on the list is slowly creeping up. This year 66 (11 per cent) of the academics on the list are women, compared with 49 last year. "The number is growing and this is a reflection of the fact that more women are entering the tenure-stream at the university," she said. The number of female professors in the tenure stream increased in 1997, particularly at the associate and assistant levels. "It will take time but we'll continue to see more women on the list."

Mel Martin, president of the U of T Staff Association, said he does not begrudge some of the academic salaries but does question administration remuneration. "Some of the academics with whom I've had a working relationship for a number of years earn every nickel of their salary. They put in 18-hour days, seven days a week and sacrifice their families and private lives in order to pursue the goals of their research. But on the administration side of the house, I would be challenged to find as many administrators that are worth that kind of money."

Many UTSA members, Martin added, are very resentful about the high salaries the university pays to its academics and administrators. "When they're earning 25 or 30 per cent of what these people are

earning, it really grates."

Despite the increase in names on the list, Professor Bill Graham, president of the U of T Faculty Association, said U of T faculty members are still underpaid. "If we were competitive with our peer research-intensive universities with which President Prichard compares us, we'd be paying much higher salaries. While we're happy to see a number of people on that list, there should be more names on it and the general salaries should be higher across the board."

Under provincial legislation enacted in 1996 governing income disclosure in the public sector, U of T must disclose the income of employees earning more than \$100,000. The salary list is available at 21 King's College Circle, Robarts Library, the Governing Council office in Simcoe Hall and Scarborough and Erindale libraries. It is also accessible on the Web at: www.library.utoronto.ca/www/utstaff/salary.html.

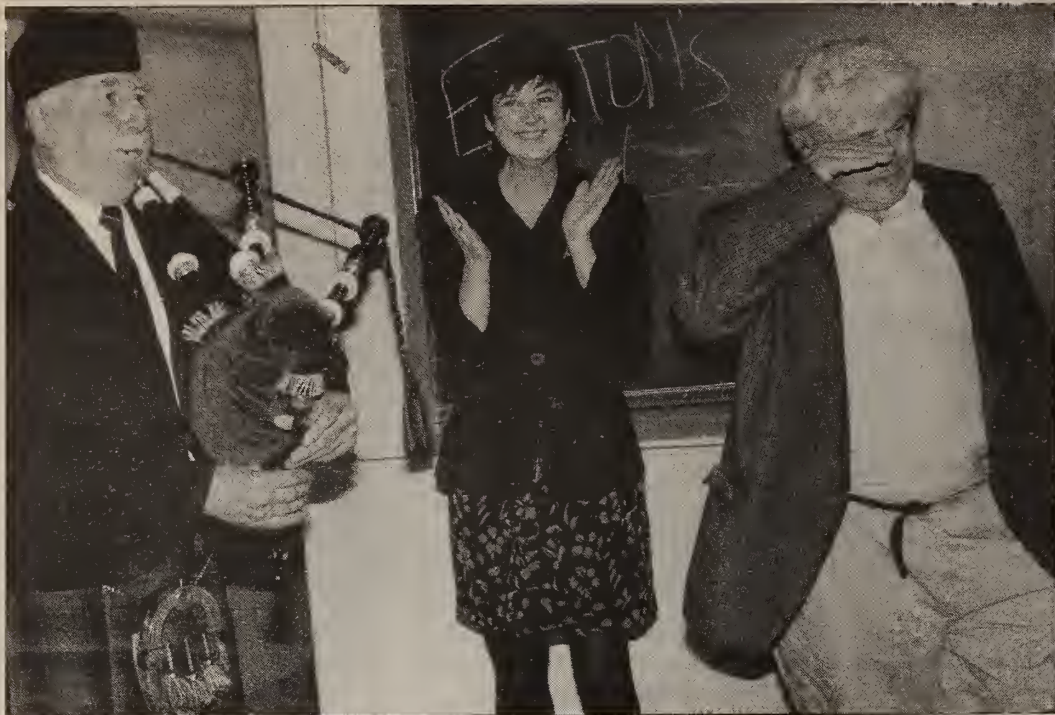


Wendy Cecil-Cockwell

DONOR'S DEATH MOURNED

EDNA DAVENPORT, A 1929 HOUSEHOLD SCIENCE GRADUATE WHOSE \$10 million donation is enabling the university to add 40,000 square feet of state-of-the-art facilities to the Lash Miller Chemical Laboratories, died last week in Florida at the age of 90. Davenport and her husband John, an engineering graduate and U of T champion pole vaulter who died in 1988, met during their freshman year and later married in the Hart House Chapel. When presenting the gift to the university last fall, their son Peter Davenport said his mother made the donation to recognize her late husband's lifelong interest in chemistry.

HEARTFELT FAREWELL



The students of retiring biochemistry professor Robert Murray (right) gave him a surprise going away party at his lecture March 26, complete with a parade of faculty and friends into the class led by a Scottish piper and a performance by a Scottish country dancing troupe. Murray, who won the 1998 Harry Whittaker Memorial Teaching Award for the best teacher of first-year medical classes, has taught at the university since he completed his doctorate here in 1961.

JEWEL RANDOLPH

125 Years of Engineering Feted

THE FACULTY OF APPLIED Science and Engineering is celebrating its 125th anniversary with a commemorative dinner April 7 honouring U of T achievements in engineering.

The event at the Four Seasons Hotel pairs 125 of Canada's top CEOs, all graduates of the faculty, with the university's top 125

engineering students.

The keynote address will be given by Michael Treacy, author of the international best-seller *The Discipline of Market Leaders*.

Stanley Meek, president and CEO of Energen Inc., will announce a major donation to the engineering faculty. He will be presented with a plaque by MR-1,

a bomb-defusing robot developed in engineering's robotics and automation laboratory and recently purchased by the RCMP.

The Faculty of Applied Science and Engineering was founded in 1873 as the School of Practical Science and currently offers the broadest range of engineering programs in Canada.

Campaign Springs Ahead

~ Continued from Page 1 ~

the stated goal even higher, above the current \$400 million. But regardless, he says, "we've made no secret of the fact that no matter what the goal, we intend to fund as many of our academic priorities as possible."

The U of T campaign is disproving the stereotypes about fund raising, he says — like the old saw about high-tech priorities capturing most of the donor fancy at the expense of core humanities and social science disciplines. "That's not a reality at U of T," Dellandrea says. "We're seeing great interest by donors in fields such as history, economics, language and math — disciplines that aren't necessarily seen as the most saleable. Driven by very effective leadership from volunteers, faculty and staff, the Faculty of Social Work has had extraordinary success in this campaign," he adds.

Canada's most ambitious university campaign has also given the university some real learning opportunities, he believes. "We've certainly learned a lot about describing donor and university aspirations in a manner explicitly consistent with our fundamental principle of academic freedom," Dellandrea says. "We've learned a lot about how a gift agreement should be crafted — something we'll continue to refine."

"We've helped educate advisers to donors on what is appropriate in content and language of agreements," he says. "Some agreements

were crafted by private sector lawyers in private sector language that sometimes grated on the ears of academics. The provost has developed guidelines on donations and advisory bodies. We're beginning to talk the same language that speaks directly to the university's overriding principles. The concepts and policies were always there. Now the words are as well."

Dellandrea acknowledges that some people are uncomfortable with the growing role of corporations in the support of U of T but says it's not a new phenomenon. "As my grandmother used to say, 'it's déjà vu all over again.' These sensitivities have been around for decades. The key point in this campaign is that we are presenting to prospective donors our priorities from our academic planning process. The University of Toronto's own academic aspirations are driving this campaign. And barely 20 per cent of what we've raised thus far as even come from corporations."

The Campaign for the University of Toronto is scheduled to end in 2002 when U of T celebrates its 175th anniversary. With some \$600 million worth of academic priorities on the table, that might still be enough time to fund everything. "We're going to do the best we can and press forward with a continuing intensity," says Dellandrea. There goes next spring, too.

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Victoria Succeeds in Leasing Surplus Land

BY BRUCE ROLSTON

AN 11-YEAR ODYSSEY ENDED for Victoria University last week when it received the final okay to build a new hotel on its Charles Street land.

With the final date for municipal zoning appeals passed without challenge, Victoria is free to go ahead with the planned lease of its vacant property on the north side of Charles east of the campus to an unidentified leaser who wants to build an 11-storey hotel there. The new hotel will be built next to the three-storey office building currently under construction on the site of the old above-ground parking lot.

In 1987 Victoria University had proposed to lease both sites to another hotel builder but those plans ultimately failed. Resistance from students, local residents and municipal councillors dragged out the appeals process into the Toronto real estate depression of the early 1990s, rendering the project unviable.

This time, said Victoria bursar Larry Kurtz, the project has enjoyed the full support of students and community representatives such as former city councillor Dan Leckie and other municipal officials, who strongly endorsed the project. "There was considerable support for this at all levels. People liked this proposal better than the earlier one."

The two projects will add an undisclosed but no doubt significant

amount to the bottom line of Victoria's real estate revenue, currently earning Victoria around \$4.5 million annually.

The three-storey office building site required the removal of the university's unused field house and its carpentry shop/student gymnasium. Other than the student space there is no loss of facilities for Victoria except, of course, the parking lot, which accounted for the decreased parking space when it built the underground lot under Rowell-Jackman Hall, Kurtz said.

Victoria has signed a 30-year lease for the office building with

McKinsey and Co., a blue chip management consulting firm that will move its Toronto office in after construction is finished next February. The building design recently won an Award of Merit from Canadian Architect magazine.

Kurtz attributed Victoria's success this time around to quick action on the part of its administration and Board of Regents to take advantage of an opportunity. "If you want to develop land and deal with the private sector, you have to conduct yourself appropriately," he said, explaining that the process of municipal approvals, architect

selection and the like takes long enough as it is without hesitation on an institution's part. "There are times I wonder how people can manage to build a doghouse in Toronto, considering the commitment and energy that's required to get these things to happen."

Unlike the previous lease attempt, which embodied a 100-year land lease for the whole site, this plan will see ownership of the new office building revert to Victoria in 30 years, allowing the university to use the building if its academic needs change in the interim, Kurtz said. The hotel

portion will probably still be leased under a longer-term arrangement, he added.

The Victoria project received municipal approval from the City of Toronto at its council's last meeting before being amalgamated into the new, larger Toronto at the end of last year. Unlike last time the only opposition came from rival hotel developers in the area, Kurtz said.

With this development Victoria will have effectively maximized its return from real estate, with no other available space that is not needed or reserved for academic use, Kurtz said.

Student Grades to Be Standard Across Campus

THE DAYS OF SEPARATE TRANSCRIPTS for each faculty in the university are numbered, with the adoption of the university's new grading practices policy.

The policy, due to go before Academic Board for approval April 9, will unify the grading systems of all the university's faculties, allowing the university to provide its students with a standard university transcript.

The new policy is based on the recommendations of the recent university commission on grading, chaired by former provost Joan Foley, whose June 1997 report called for a single U of T grading system to replace the 10 different letter grade and marking systems in

use at the university.

The commission also called for a system that would more closely resemble systems at other universities. The commission recommended that a standard four-point grade point average scale replace the modified four-point scale used by nine academic divisions including arts and science and engineering. U of T students in these divisions who receive A+ grades currently receive a grade point value (GPV) of 4.3. Foley's commission recommended that the maximum GPV for a course be 4.0 for both A and A+ students, in line with the practice at other universities.

Students would still receive a

percentage mark and a grade to reflect their higher achievement in going from an A to an A+, but not the grade point bonus, Foley recommended.

The recommendations to standardize transcript information are not without controversy. Some engineering professors have expressed concern about the elimination of the student's rank within their class, currently on their faculty's transcripts. In meetings of the Academic Board's academic policy and programs committee where this was discussed, Vice-Provost Paul Gooch said the information could be kept in faculty records or even printed out on a supplementary

sheet to the transcript if engineering desired.

Gooch said the system would help students who transfer from one division to another. "If you do a few years at Scarborough, and then come downtown, for instance, there'll be one transcript and it will be easy to read," he said. "It's an attempt to make our transcripts more accessible to the world."

The university decided to unify its transcript system now, Gooch said, as part of its move to a new student record system, which will soon replace the old one because of the problems it was expected to have with the so-called "Year 2000" problem.

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THE CULT OF FITNESS

Brian Pronger questions the quest for the perfect body

BY MICHAH RYNOR

HE CALLS HIMSELF THE "RESIDENT PHILOSOPHER" of the Faculty of Physical Education and Health and he's getting ready to rock the boat again. Professor Brian Pronger made international headlines with the release of his controversial study *The Arena of Masculinity: Sports, Homosexuality and the Meaning of Sex*. The book he's currently working on, based on years of research, promises to create an equally noisy debate.

Body Fascism: The Culture and Science of Physical Fitness attacks today's gymnasium culture of pumping iron, aerobics classes and other physical fitness trends — a world that Pronger knows well both personally and professionally.

"I used to be quite a buff until I injured myself and had to stop," he laughs. But even before a series of injuries (badly strained shoulders from swimming, damaged knees from running, a herniated disc made worse from exercise) sidelined Pronger, he found himself questioning the whole premise of the fitness boom. "It's gone from being called the fitness movement to the fitness industry," Pronger says and he's disdainful of how Bay Street sells a healthy, trim body the same way car dealers sell Porsches.

"Our bodies have become commodities," he warns, "and this persuasive direction in middle-class culture is what I call body theft. The human body, once considered an object of infinite mystery and astonishment, has been turned into nothing more than a saleable object and it's on this level that we're beginning to relate to each other. Our bodies have been stolen from us and turned into narrow, stylized images of muscular, taut, fat-free youthfulness."

One way business sells the fitness myth is through sex, he says. "The consumerist version of sex has become much more flagrant in the last 20 years to the point that much of our lives are now organized around this consumption." Pronger says this leads to a physical caste system where we judge each other in philosophically and existentially bankrupt ways. "What's happening today is very, very warped," he says. "This standardized ideal promises great sex and a slew of other social rewards as long as you conform to this ideal of what your body should be."

Being one of the foremost critics of such a popular social trend isn't something you'd expect from a person who originally wanted to spend his life playing the violin. In 1972 Pronger studied violin at McGill, eventually coming to Toronto so he could further his studies. While here, he became a part-time philosophy student at Trinity College. Being, as he puts it, "completely unfit — as in chubby — most of my early life," he became so enamoured with physical fitness that he entered U of T's physical education program where he received his PhD in exercise science.

In 1993 he joined other academics in pushing the Department of Athletics and Recreation towards embracing the principle of gender equity in funding, later serving as a member of the department's task force on the subject. He has also served as a member of the program committee for the new sexual diversity studies program and played a role in the university-supported positive space campaign promoting acceptance of homosexuality on campus.

Recently, Pronger says, he came to the realization that society's obsession with physical fitness had little to do with good health and everything to do with consumption — the consumption of products, services and body images that the fitness industry is only too happy to supply. As well, he sees other, more subtle undercurrents to the present fitness craze. "Modern life has been about dominating nature. Now we've gone further and we're dominating our own bodies in a futile attempt to cheat death." This leads him to worry about the psychological, spiritual and political health of society. "This fitness craze is making us unhealthy as a culture. Who's getting hurt here is society as a whole."

Bruce Kidd, dean of the faculty of physical education and health, believes that the dialogue Pronger instigates is valuable but fears that such criticism will be taken as a blanket dismissal of fitness programs. "There are motivations and programs that merit his criticisms, but others that do not, including — I hope — those we offer at U of T," he says. "Moreover, very few people take the corporate messages at face value; in fact, participants' understanding of the fitness experience is multidimensional, even ambiguous."

"You know, Swifter, Higher, Stronger, the Olympic motto, could be seen as a motto of domination but it can also be an encouragement for a self-discovery and self-realization that can be quite liberating," says Kidd. "While the mass media tend to treat sport as if it is only about winning, people actually participate for many different reasons. The same occurs in a fitness class."

Kidd goes on to say that he admires Pronger for the provocative ideas he contributes to an important debate on the meanings of fitness and health in an ever more desperate society. "In a way, I see him as a kindred spirit. I've spent my university career criticizing the commodification of sport but I've always loved sport and encouraged it. My read on Brian's work is that it is much the same."

When asked what his departmental colleagues will think when his book is released, Pronger stated that, "Yes, this will certainly raise eyebrows but there are a lot of people in physical education who agree with me and are equally disturbed by the direction of the fitness industry."



Professor Brian Pronger's current work-in-progress compares the fitness industry to a car dealer selling Porsches.

UMOJA



PHOTO BY ROB ALLEN

UMOJA, a historical and cultural play about black history presented by the Students' Administrative Council in association with the Kinara Society and the West Indian Student Association, played at George Ignatieff Theatre Feb. 27 and Feb. 28 as part of Black History Month celebrations. Cast members included (top to bottom) Melanie Eusebe, Deryk Piper, Gilbert Gatali, Edwin Amsterdam and Tonia Nwange.

Nobel Laureate Scholes Speaks on Campus

BY CHERYL SULLIVAN

"IF YOU GET THE OPPORTUNITY to go and receive the award, don't turn it down," quipped Myron Scholes, Canadian-born co-winner of the 1997 Nobel Prize in economics, while speaking at the Rotman School of Management March 26.

Addressing a full house of over 450 business leaders, academics and students, Scholes talked about the future of financial institutions and the role of derivatives and financial technology in the evolution of the global financial industry. Scholes, the Frank E. Buck Professor, Emeritus, at the Stanford University Graduate School of Business, is co-developer of the Black-Scholes options pricing model, used by options traders around the world. He won the Nobel Prize for his work in the field of derivatives, sharing it with Robert Merton of Harvard University.

Scholes amused listeners with a humorous recounting of receiving

the Nobel Prize. "When asked about the trip to Stockholm, the festivities surrounding the award and the ceremony itself I say everything was great," Scholes said. "With your own attaché to handle all of your various needs, and a driver to drive you everywhere, one becomes extremely spoiled," he confessed. "Alas, on my return home to Greenwich it was necessary to go to the grocery store to buy milk. I sat in the back seat of my car. It did not move."

The event marked the launch of the Rotman school's Centre for Finance Studies, established to support new research in finance and to share research with the Canadian business community. Scholes' talk was also the inaugural speech of the faculty's Great Minds for Great Business lecture series. Supported by the generous gift of Sandra and Joseph L. Rotman, the series will bring eminent scholars and business leaders to the faculty to discuss important issues in business and management.

MAKING CONNECTIONS

Drivers should pay environmental costs

Charging drivers for the environmental damage they cause is one part of the solution to maintaining sustainable transportation systems in urban centres, says a report by Professors Richard Soberman and Eric Miller of civil engineering.

"Our research shows people are prepared to pay a lot more for things related to automobile use like gasoline, tolls and parking before they will agree to change their behaviour," says Soberman, co-author of the report *Full Cost Pricing and Sustainable Urban Transportation*.

Using the Greater Toronto Area as a case study, Soberman and Miller investigated the impact of full cost pricing on travel patterns and fuel emissions. Full cost pricing refers to charging road users for social costs such as taxes for road repair, the hospitalization of car accident victims and the damage caused to the environment by fuel emissions. The report analysed the effect of three factors — an increase in the price of automobile use, better management of urban growth so there is less urban sprawl and a combination of the two — on driving habits. It found the most significant shift in road behaviour occurred by combining the two.

"If we manage growth better so that we have more concentrated development and higher densities, then it will be easier for people to use public transportation," Soberman says. "Their trip lengths would be shorter which would mean less fuel consumption and less environmental damage."

The report also recommends ensuring public transit is more accessible to people outside urban centres rather than expanding the existing capacity of downtown transit systems. "The inference here is that there must be reasonable access to public transportation as an alternative if fuller cost pricing of automobile use is to have much impact," the report says. The report was prepared for the Ministry of Transportation.

Steven de Sousa

Reform key to effective penal system

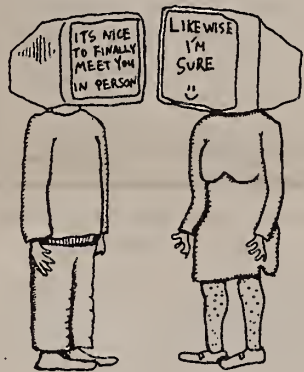
Despite public calls for tougher criminal justice that include capital punishment, Professor Carolyn Strange says penal reform, not punishment, is key to a more effective system.

Strange, a member of the Centre of Criminology, suggests a stronger rehabilitation system that offers "front-end loading" of counselling and rehabilitation programs for incarcerated offenders. Currently such programs are not offered to offenders until shortly before release; inmates with 25-year sentences are in prison for decades before receiving treatment.

Public support for a tougher penal system has increased in recent years, she says. A conservative political climate combined with some high-profile murder cases and the U.S. government's "get-tough-on-crime" attitude have influenced Canadians. In addition, a rocky economy erodes public sympathy for accused criminals. "Historically, hard economic times saw increased use of the death penalty in Canada with the highest use during the Depression. We can trace fluctuations in its use according to the political will of the time before it was abolished in 1976."

But despite growing public support for capital punishment, successive Canadian governments have been reluctant to consider reinstatement. "The death penalty is now practised in very few Western countries and Canada likes to count itself among the civilized countries of the world," says Strange. "A tougher punitive approach is the preferred strategy."

Cheryl Sullivan

**Internet encourages social interaction**

Contrary to fears that the Internet will destroy community life, Professor Barry Wellman of sociology says it could integrate society in new ways.

In *Networks in the Global Village*, Wellman, a member of the Centre for Urban and Community Studies, notes that Internet users can find companionship and a sense of belonging through support groups and other online resources. "There's been a big fear that there isn't enough emotional contact on the Net," says Wellman, who edited the book. "This turns out not to be true. There is clearly enough social presence on line to allow people to relate to each other."

Electronic communities often operate according to principles that govern traditional communities such as reciprocity and attachment, he says in the chapter entitled *Net Surfers Don't Ride Alone: Virtual Communities as Communities*, co-authored with Professor Milena Gulia of urban and community studies. While the Internet may accelerate the trend towards socializing in private homes rather than public places, the ease and speed of

communicating with large numbers of people in cyberspace may stimulate new social interaction. Information about a person's socioeconomic status, ethnicity, gender and age is absent on line, encouraging relationships between people who otherwise might not communicate.

Social ties developed on computer networks tend to be informal, diverse and specialized according to shared interests, Wellman says, but intimate Internet relationships are also possible. They just take longer to develop because of the slower, less immediate nature of the interaction. "It may be a little harder, but you can do anything on line including make love in virtual ways."

Networks in the Global Village will be published by Westview Press this summer.

Megan Easton

New screening method for diabetes

Professor Thomas Wolever of nutritional sciences and his team of investigators have developed a more accurate method of detecting glucose intolerance, according to an article in the March issue of *Diabetes Care*.

The researchers have created a standardized wafer of oats, soy and canola oil that can be used in testing for glucose intolerance. People with higher-than-normal blood glucose levels are 10 times more likely to develop diabetes than those with normal levels. Currently the screening process for diabetes involves an overnight fast, followed by a blood sugar sample, a drink containing 75 grams of glucose and another blood sugar test two hours later.

"Our study found the standardized test meal does not produce the nausea often associated with the current glucose tolerance test and also provides more consistent results," says Wolever. "We think it's a major improvement over existing ways to screen for diabetes and impaired glucose tolerance."

Thirty-six people — including those with normal and impaired glucose tolerance and mild diabetes — participated in the study. Each subject had eight randomly allocated tests — either the traditional glucose tolerance test or the standardized test wafer.

Diabetes is a major cause of blindness, kidney failure, heart disease and circulatory problems in the feet and legs. To prevent its onset, Wolever says, it's necessary to detect changes in blood sugar before signs of diabetes have begun to develop. Screening is also helpful in detecting maturity onset diabetes, a form that takes years to develop and can exist for a long time in people without any symptoms. The researchers now plan to test their diabetes screening product on

pregnant women.

Funding for the study was provided by Ceapro, a public company in Edmonton that produces oat products. A patent is pending.

Christina Marshall

Timing the replacement of aging equipment

Researchers at the Faculty of Applied Science and Engineering have developed a software program that could save the transportation, mining and manufacturing industries millions of dollars.

The software, known as EXAKT, indicates the optimal time to renew, repair or replace equipment, says Professor Andrew Jardine of mechanical and industrial engineering, one of the project's two principal researchers. The program, using mathematical models and equations, focuses on the equipment's current performance data as well as economic factors such as the initial cost of the equipment and estimated resale value of machine parts.

"This new software allows maintenance managers, for the first time, to combine risk assessment and economic considerations in terms of decision making for industrial equipment," Jardine says. "The cost of replacing an item after it has failed completely will obviously be greater than replacing it under preventive conditions. It's not just a matter of running equipment into the ground."

Currently managers considering parts replacement rely on one of two approaches — the age-based technique that calculates equipment longevity based on the age of the equipment or the condition-based approach that relies on other measures such as the level of mineral-to-oil ratios in equipment.

Steven de Sousa

Assessing a community's health

Researchers have developed a new approach to assess a community's social determinants of health that emphasizes the community's perspective.

The Community Quality of Life Approach examines issues such as employment, housing and education through the eyes of the people who live there, says Professor Dennis Raphael of public health sciences. "This enables us to identify the community's strengths that should be protected and the needs that should be addressed."

"For too long, experts and policymakers have been deciding what is important for the everyday person," Raphael says. "This new approach gives a voice to those members of society who are normally not heard and forces experts and policymakers to listen to what they have to say about their quality of life."

Raphael worked on the study with

staff at the South Riverdale and Lawrence Heights Community Health Centres. The researchers held group discussions and individual interviews with residents, service providers and elected representatives. "We are developing a portrait of the community to illustrate what people in the community think makes life good for them and keeps them healthy."

The tool is a product of the Community Quality of Life Project in which researchers examined the Toronto communities of Riverdale and Lawrence Heights. The work was a partnership of the South Riverdale and Lawrence Heights Community Health Centres, the City of Toronto and North York Public Health Departments, the Metropolitan Toronto District Health Council, the national office of the Canadian Mental Health Association and U of T's Department of Public Health Sciences and Centre for Health Promotion.

Christina Marshall

Connections important to international business

Who you know is as important as a solid business strategy for small- and medium-sized Canadian businesses that want to compete successfully on the international stage, says Professor Rebecca Reuber of the Rotman School of Management.

While an astute strategy is integral in international business dealings, the importance of personal business connections has been largely overlooked, Reuber says. "While finding a partner with comparable strategic objectives is necessary for a successful alliance, social connections that open the door to making strategic partnership opportunities possible is key to success."

Canadian small- and medium-sized enterprises, long thought to be at a disadvantage in international business dealings due to size and inexperience, are establishing more and more strategic partnerships in other countries — drawing on their market-based skills and knowledge — to compete with larger companies. Reuber and York University colleague Eileen Fischer examined 50 small Canadian software firms to determine key characteristics in establishing successful international partnerships.

Reuber recommends that companies appoint board members with solid international connections who can help to find suitable international business partners. Board members with foreign business experience may also have insights into market differences, she says, adding that Canada's cohesive ethnic communities offer unique opportunities for global partnerships.

Cheryl Sullivan



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Look forward to hearing from you!

LETTERS



TRANSLATING GREEK

I think that William Klassen's comments regarding a more serious review of the study of the New Testament in its original Greek text are indeed commendable (Letters, March 23). He is correct to assert that it is "responsible scholarship" to study documents in their original language.

I am nevertheless perturbed by his statement to the effect that the passion narratives in the Gospels do not describe Judas as betraying Jesus. In all honesty I must confess I have not read Klassen's book, although I know of it. However, on my own personal study of the Greek text, I would like to bring to Klassen's attention that the Greek word *paradidomi* is defined by *Liddell and Scott's Greek-English Lexicon* as "to deliver up, surrender; to hand over to justice; also to betray" (p. 521). *Thayer's Greek-English Lexicon* also defines the term as "to deliver up treacherously, i.e., by betrayal to cause one to be taken" (p. 481), *A Manual Grammar of the Greek New Testament* by Dana and Mantey also defines and translates the above term as "betray" (p. 336).

I was somewhat surprised to find that Klassen regarded John Dominic Crossan's views on his points significant. I think that Crossan should take a lesson from Klassen when it comes to studying sources in their original languages since Crossan not only denies the burial narratives of the Gospels (which are considered historically reliable and sound by New Testament scholars) but settles

instead for Jesus' burial in a shallow grave and whose body was most likely consumed by dogs! I would point out to Klassen as well that Crossan regards the apocryphal Gospel of Thomas, which has a second-century composition, as the earliest Gospel, even antedating the canonical Gospels. Crossan would benefit from Klassen's advice in the study of textual criticism.

TONY COSTA
WOODSWORTH COLLEGE

PICTURE INAPPROPRIATE

I'm a little amazed that an image of a child of colour among (apparently not homo sapiens) skulls is on the front page of *The Bulletin* (March 2).

In an age and a decade of genocides, and in an academic culture that has the shame of many racist theories to live down, a picture like this is ghoulish to the point of obscenity and frivolous to the point of stupidity.

NICK LENSKEY
POLITICAL SCIENCE

LETTERS DEADLINES

APRIL 9 FOR APRIL 20

APRIL 24 FOR MAY 4

Letters may be edited for brevity or clarity. Please send to Ailsa Ferguson, associate editor, 21 King's College Circle; fax: 978-7430; e-mail: ailsa.ferguson@utoronto.ca



1998 H.L. Welsh Lectures in Physics

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Leonard Susskind
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Black Holes, String Theory and the New Revolution in Physics

John Hopfield
Princeton University

Brains vs Electronics:
How do we think so fast?

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Leonard Susskind
Stanford University

Recent Advances in String Theory and Quantum Gravity

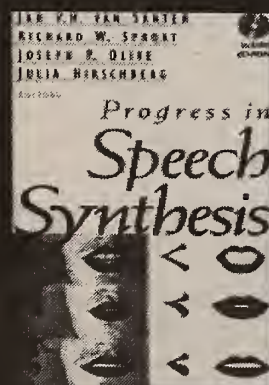
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Danforth and Broadview. Fully renovated house to share. Ideal for visiting professor or doctoral student. TTC 15 minutes to U of T. A 9x12 furnished bedroom/office with Mac computer 21" screen, modem, unlimited Web, with private deck over backyard. \$475. All appliances, fireplace, yard. Street parking. Non-smoking, pet-free, organized, quiet. Includes maid/utilities. Call Ken Shepard, Ph.D. 463-0423.

ACCOMMODATION OVERSEAS

Paris-Montmartre. Perfect sabbatical rental. Bright, spacious, modernized, furnished two-bedroom apartment overlooking peaceful treed courtyard. Six appliances. Secure. Elevator. Resident concierge. Excellent transportation/shopping. No pets/smoking. September 1. \$1,975 monthly. (416) 978-4882 or 102063.2152@compuserve.com

Paris, Latin Quarter. June through August 1998. September 1998 to June 1999. Attractive, furnished, 1-bedroom apartment, living-room and study. Five minutes walk to the Sorbonne.

Fully equipped modern kitchen and bathroom. \$1,600 Canadian per month plus utilities. Tel: (416) 924-6057, fax: (416) 978-8854.

ACCOMMODATION EXCHANGE

Honolulu exchange for central Toronto location; July 1 — December 31, 1998. Luxury 2-bedroom, 2-bathroom waterfront condo; tennis, pool, gym, golf. 20 minutes from Waikiki; walk to beach. No pets, children, smokers. (808) 395-1421.

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Bed and Breakfast Guesthouse. Walk to U of T. Restored Victorian home. Single, double and private en-suite accommodations. 588-0560.

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IRELAND. Authentic century cottage near seaside resort town for rent in Donegal. Stone floors, open hearths, gas lighting. For more info see this Web site: <http://www.execulink.com/~mmalone/cottage> or phone (519) 432-7395. June already sold out.

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Cottage on beautiful Georgian Bay. Quiet bay, 20 minutes by boat from Honey Harbour. 2 bedrooms, fully equipped. Sandy beach, magnificent sunsets, you can hear yourself think. \$700/week May-June, \$1,000/week July. (416) 978-1725 (message).

HEALTH SERVICES

PERSONAL COUNSELLING in a caring, confidential environment. U of T extended health benefits provide excellent coverage. Evening and weekend hours available. Dr. Ellen Greenberg, Registered Psychologist, The Medical Arts Building, 170 St. George Street. 944-3799.

INDIVIDUAL AND COUPLE THERAPY. Twenty years' experience in counselling for personal and relationship difficulties. Coverage under staff and faculty benefits. Dr. Gale Bildfell, Registered Psychologist, 114 Maitland Street (Wellesley & Jarvis). 972-6789.

Individual psychotherapy for adults. Evening hours available. Extended benefits coverage for U of T staff. Dr. Paula Gardner, Registered Psychologist, 114 Maitland Street (Wellesley & Jarvis). 469-6317.

PSYCHOANALYTIC PSYCHOTHERAPY with a Registered Psychologist. Dr. June Higgins, The Medical Arts Building, 170 St. George Street (Bloor and St. George). 928-3460.

Psychologist providing individual and group psychotherapy. Work stress, anxiety, depression and women's health. U of T staff health plan covers cost. Dr. Sarah Maddocks, registered psychologist, 114 Maitland Street (Wellesley & Jarvis). 972-1935 ext. 3321.

Psychotherapy. Dr. Joan Hulbert, Psychologist. Yonge Street near Davisville. (416) 465-9078. Focus on depression, anxiety, substance abuse, difficulties with

assertiveness, relationship problems, self-esteem, abusive relationships. Fees may be covered by Employee Health Insurance Plan.

Dr. Dianne Fraser, Psychologist. Carlton at Berkeley, 923-7146. Brief holistic counselling and EMDR. Focus on stress, depression, anxiety, phobia, grief, substance abuse, relationships, women's issues. Complete or partial reimbursement through UT/insurance benefits.

Individual cognitive behavioural psychotherapy. Practice focussing on eating disorders, depression, anxiety and women's issues. U of T staff extended health care benefits provide full coverage. Dr. Janet Cleves, Registered Psychologist, 183 St. Clair Avenue West (St. Clair and Avenue Road). 929-3084.

Psychological services for children, adolescents and families. Comprehensive assessment of learning problems, emotional and behavioural difficulties. Individual psychotherapy, parent counselling. Dr. Meagan Smith and Dr. Arlene Young, Registered Psychologists. U of T area. 926-0218. Leave message.

Dr. Gina Fisher, Registered Psychologist. Psychotherapy for depression, anxiety, relationship problems, stress, gay/lesbian issues, women's issues. U of T extended health benefits cover fees. Evening appointments available. The Medical Arts Building (St. George and Bloor). (416) 932-8962.

Psychological Services for Infants and Children. Assessment of developmental and learning disabilities. Benefits packages may provide complete/partial reimbursement. Dr. Jo-Anne Finegan, Psychologist. 1300 Yonge Street, south of St. Clair. (416) 927-1217.

Psychotherapy for adults. Depression, anxiety, stress; personal, relationship, family and work concerns. Dr. Carol Musselman, Registered Psychologist, 252 Bloor Street West. Call 923-6641 (ext. 2448) for a consultation. Day or evening hours. May be covered by extended health benefits.

Psychologist providing individual, group and couple therapy. Personal and relationship issues. U of T extended health plan provides some coverage for psychological services. For a consultation call Dr. Heather A. White, 535-9432, 140 Albany Avenue (Bathurst/Bloor).

Dr. Dvora Trachtenberg, Registered Psychologist. Individual psychotherapy. Couple/marital psychotherapy. Fees covered by U of T staff and faculty health plan. Evening appointments available. The Medical Arts Building (St. George/Bloor). For an appointment, please call (416) 932-B962.

DR. WENDY C. CHAN CONSULTANTS offers culturally sensitive psychological services by Registered Psychologist and associates to individuals, couples, families. Therapy available in Cantonese, Mandarin, Spanish, Vietnamese, English for work and academic stress, depression, anxiety, pain coping problems. Services can be covered through health benefits plan. (416) 777-1612. Front/Jarvis.

Dr. Jennifer-Ann Shillingford. Registered Psychologist specializing in COGNITIVE-BEHAVIOUR THERAPY for stress, anxiety, depression and addictive disorders. U of T faculty/staff extended health benefits cover cost. First Canadian Medical Centre (King & Bay), 368-6787 x.248.

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TRAVEL-teach English. Government accredited. 5-day/40-hour TESOL teacher certification course, March 11, May 6, July 15, October 21 (or by correspondence). 1,000s of jobs available NOW. FREE information package. Toll free 1-888-270-2941.

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UNDERGROUND PARKING SPACE FOR RENT. Reasonable rate, Spadina/Bloor area. Call 944-B957.

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DEPARTMENT OF PHYSIOLOGY
UNIVERSITY OF TORONTO



ARCHIBALD BYRON MACALLUM LECTURE

**"Unsolved mysteries
of the developing heart"**

KENT L. THORNBURG

Professor, Department of Obstetrics & Gynecology
Oregon Health Sciences University

Tuesday, April 28, 1998
at 4 p.m.

Room 3153
Medical Sciences Building

This lecture is open, without charge, to members of the public
Reception to follow

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"WANTED: RESEARCH SUBJECTS - ISSUES IN RECRUITMENT AND CONSENT"

WEDNESDAY, MAY 27, 1998 8:30 AM - 12:30 PM

MEDICAL SCIENCES BUILDING, ROOM 3154

ENROLMENT IS LIMITED — PLEASE REGISTER EARLY!
NOTE: THERE IS NO FEE TO REGISTER FOR THIS WORKSHOP.
FOR REGISTRATION & INFORMATION
PLEASE FAX PAT PEEVER (416) 971-2010.
QUESTIONS? EMAIL: SUSAN.PILON@UTORONTO.CA

EVENTS



LECTURES

Canada in Global Context.

THURSDAY, APRIL 9

Michael Ferras, CRTIC; Tracy Pearce, lawyer; and Prof. Ron Diebert, political science; Canada by Design visionary speaker series. 205 Claude T. Bissell Building, 140 St. George St. 4 to 6 p.m. KMDI, McLuhan Program, FIS, Information Commons, Centre for Academic Technologies and CITO

**The Power of Absence:
The Body Missing Project.**

THURSDAY, APRIL 9

Vera Frenkel, Toronto-based interdisciplinary artist. Room 8-214, 252 Bloor St. W. 4 to 6 p.m. Testimony & Historical Memory Project, OISE/UT

**U.S. Leadership in the Post-Cold
War: An Insider's View.**

THURSDAY, APRIL 9

Derek Shearer, former U.S. deputy under-secretary of commerce for economics affairs. Croft Chapter House. 5 to 7 p.m. Canadian Institute of International Affairs

**Irony, Parody and Nostalgia in
Contemporary Spanish Cinema:
Almódovar, Saura and Trueba.**

TUESDAY, APRIL 14

Prof. Mario Valdés, Spanish and Portuguese. Upper Library, Massey College. 4 p.m.

**Ethics: The Heart of Health Care
and Health Promotion.**

MONDAY, APRIL 20

Prof. David Seedhouse, University of Auckland, New Zealand. 3154 Medical Sciences Building. 1:30 to 3 p.m. Public Health Sciences, Health Promotion, Social Work, Nursing, Bioethics and Family & Community Medicine

**Evidence or Values? What Drives
Health Promotion? An
Introduction to the Foundations
Theory of Health Promotion.**

MONDAY, APRIL 20

Prof. David Seedhouse, University of Auckland, New Zealand. 108 Koffler Institute for Pharmacy Management. 7:30 to 9 p.m. Public Health Sciences, Health Promotion, Social Work, Nursing, Bioethics and Family & Community Medicine



COLLOQUIA

**Machina ex Deus:
William Harvey and the
Meaning of Mechanism.**

WEDNESDAY, APRIL 8

Prof. Don Bates, McGill University. 323 Victoria College. 4 p.m. IHPST

Antigone's Claim.

WEDNESDAY, APRIL 15

Prof. Judith Butler, University of California at Berkeley. Auditorium, Medical Sciences Building. 4 p.m. Philosophy

**The Illusion of Conscious Will:
Why We Think We Are the
Cause of Our Actions.**

WEDNESDAY, APRIL 22

Prof. Daniel Wegner, University of Virginia. 4043 Sidney Smith Hall. 4 p.m. Psychology

SEMINARS

**A New Risk Factor for
Chemical Teratogenesis.**

WEDNESDAY, APRIL 8

Christopher Nicol, PhD candidate, pharmacology. 4227 Medical Sciences Building. 4 p.m. Pharmacology

**Molecular Insights into
Neurofibromatosis-2 Gene
Function.**

THURSDAY, APRIL 9

Dr. David Gutmann, Washington University, St. Louis, Missouri. 968 Mt. Sinai Hospital. 12 noon. Samuel Lunenfeld Research Institute

**The Role of L-Type Ca²⁺
Channel in Iron Homeostasis
and Toxicity.**

THURSDAY, APRIL 9

Robert Tsushima, physiology. 3231 Medical Sciences Building. 4 p.m. Physiology and U of T Bookstore

Of Genes and Genomes.

MONDAY, APRIL 13

Dr. David Botstein, Stanford University School of Medicine. 968 Mt. Sinai Hospital. 12 noon. Samuel Lunenfeld Research Institute

**The Birmingham G-7 Summit:
The View from London.**

TUESDAY, APRIL 14

Sir Anthony Goodenough, U.K. high commissioner to Canada. Combination Room, Trinity College. 6:30 p.m. G-7 Research Group and International Studies

**Hormonal Regulation of
Connexin Genes in the
Endometrium during Early
Pregnancy.**

WEDNESDAY, APRIL 15

Dr. Elke Winterhager, University of Essen, Germany. 968 Mt. Sinai Hospital. 12 noon. Samuel Lunenfeld Research Institute

**Palmitoylation of G Protein-
Coupled Receptors.**

WEDNESDAY, APRIL 15

Hui Jin, PhD candidate, pharmacology. 4227 Medical Sciences Building. 4 p.m. Pharmacology

**Lipids, Oxidative Stress and
Endothelial Dysfunction in the
Genesis of the Pregnancy
Disorder Pre-eclampsia.**

THURSDAY, APRIL 16

Prof. James Roberts, University of Pittsburgh. 3231 Medical Sciences Building. 4 p.m. Physiology and U of T Bookstore

**Pharmacological and
Physiological Alterations in
Sulphate Homeostasis.**

FRIDAY, APRIL 17

Prof. Marilyn Morris, State University of New York at Buffalo. 105 Pharmacy Building. 10 a.m. Pharmacy

The Multiplex City.

MONDAY, APRIL 20

Prof. Ash Amin, University of Durham. 2125 Sidney Smith Hall. 2 to 4 p.m. Geography and Program in Planning

**Glutamate Receptor Knockout
Enhances Long-Term
Potentiation.**

WEDNESDAY, APRIL 22
Zhenping Jia, Mt. Sinai Hospital. 4227 Medical Sciences Building. 4 p.m. Pharmacology



MEETINGS & CONFERENCES

Academic Board.

THURSDAY, APRIL 9

Council Chamber, Simcoe Hall. 4:15 p.m.

Business Board.

MONDAY, APRIL 13

Council Chamber, Simcoe Hall. 5 p.m.

Planning & Budget Committee.

TUESDAY, APRIL 14

Council Chamber, Simcoe Hall. 5 p.m.

**University Year One: Transitions,
Competencies and Reform, the
Research Challenge.**

FRIDAY, APRIL 17

A one-day conference on Best Practices. Presenters: Prof. Lion Gardiner, Rutgers University, and Roger Martin, principal, Erindale Secondary School; Profs. Guy Allen, Graham White, Cleo Boyd and Cecil Houston, University of Toronto at Mississauga. Matthews Auditorium, Kaneff Centre. 9 a.m. to 5 p.m. Registration fee: \$50. Information: (905) 828-3921; e-mail: rantonio@credit.erin.utoronto.ca; www.erin.utoronto.ca UTM

**Speaking Out: A Conference in
Honour of Mel Watkins.**

FRIDAY, APRIL 17 AND

SATURDAY, APRIL 18

Sessions in 140 University College. Session I: Charting the Canadian Political Economy. David Wolfe (chair); participants: Wallace Clement, Marjorie Griffin Cohen, Ronald Deibert and Josée Legault. Session II: Contradictions of a Continental Economy. Laurell Ritchie (chair); participants: Alejandro Alvares, Gordon Laxer, Nancy Riche and Leah Vosko. Session III: Aboriginal Peoples and the North. Peter Russell (chair); participants: Steve Kakfwi, Phoebe Nahanni, John Olthuis and Mary Simon. Session IV: What's Left? Patricia Smart (chair); participants: Ash Amin, Aldo Gilly, Naomi Klein and Frances Lankin. Information and registration forms: 978-8083.



MUSIC

**FACULTY OF MUSIC
EDWARD JOHNSON
BUILDING**

Jazz Series.

WEDNESDAY, APRIL 9

New works by student composers performed by students from the jazz performance department. Walter Hall. 8 p.m.

Thursday Noon Series.

THURSDAY, APRIL 9

Recent works by students of the Faculty of Music. Walter Hall. 12:10 p.m.

La Bohème

TUESDAY, APRIL 14

Opera Division workshop production. Room 078.

EVENTS



PLAYS & READINGS

Pension Schueller.

FRIDAY TO SUNDAY,

APRIL 17 TO APRIL 19;

THURSDAY TO SUNDAY,

APRIL 23 TO APRIL 26

By Carl Laufs, produced by Deutsches Theater Toronto. Robert Gill Theatre, Koffler Student Services Centre. Performances at 8 p.m. except Sunday 3 p.m. Tickets \$15, students \$10, seniors \$12.



EXHIBITIONS

SCHOOL OF ARCHITECTURE & LANDSCAPE ARCHITECTURE

Dreams & Other Realities.

To APRIL 8

Work of Studio Granda.

Endgame.

APRIL 20 TO MAY 8

Student thesis work. SALA Gallery, 230 College St. Hours: Monday to Friday, 9 a.m. to 5 p.m.

JUSTINA M. BARNICKE GALLERY

HART HOUSE

Hart House Camera Club and Art Competitions.

To APRIL 9

Photography, painting, sculpture, drawing, printmaking and mixed media. Both Galleries.

David Bierk.

APRIL 16 TO MAY 14

Paintings. Both Galleries. Gallery hours: Monday to Friday, 11 a.m. to 7 p.m.; Saturday, 1 to 4 p.m.

UNIVERSITY OF TORONTO AT SCARBOROUGH

Senior Student Exhibition.

To APRIL 17

Work of senior students. The Gallery. Gallery hours: Monday to Friday, 11 a.m. to 4 p.m.

NEWMAN CENTRE Death & Resurrection.

To MAY 2

Easter, spring show. Ground floor. Hours: Monday to Friday, 9 a.m. to 5 p.m.

VICTORIA UNIVERSITY Paris, Mai 1968: Icônes de la Révolution/Icons of Revolution.

To MAY 6

Poster exhibition. E.J. Pratt Library. Hours: Monday to Friday, 9 a.m. to 6 p.m.; Saturday and Sunday, 1 to 5 p.m.

UNIVERSITY OF TORONTO AT MISSISSAUGA

Graduate Student Exhibitions.

APRIL 9 TO MAY 3

Annual graduating exhibitions. Blackwood Gallery. Hours: Sunday to Friday, 1 to 4 p.m.



MISCELLANY

A Multidisciplinary Feasibility Study for the Regeneration of Taddle Creek.

TUESDAY, APRIL 7

Study by the Division of the Environment's senior research class; highlights: video, Web page, handbook, final report, poster display: 2093 Earth Sciences Centre. 11 a.m. to 1 p.m. Division of the Environment

Summer Sublet Saturday.

SATURDAY, APRIL 18

A second chance to meet students and landlords who have places to sublet and students who are looking for a place in the summer; sublet agreement forms and other important housing information. Housing Service, Koffler Student Services Centre. 10 a.m. to 3 p.m.

Observing Tours.

To APRIL 16

The Department of Astronomy is holding free observing tours on the first and third Thursday of each month; slide show and session with a telescope. McLennan Physical Laboratories. 7 to 9 p.m. Information: 978-2528.



DEADLINES

Please note that information for Events listings must be received in writing at The Bulletin offices, 21 King's College Circle, by the following times:

Issue of April 20, for events taking place April 20 to May 4: MONDAY, APRIL 6.

Issue of May 4, for events taking place May 4 to 19: MONDAY, APRIL 20.

COMMITTEES

The Bulletin regularly publishes the terms of reference and membership of committees. The deadline for submissions is Monday, two weeks prior to publication.

SEARCH

DIRECTOR, CENTRE OF CRIMINOLOGY
A search committee has been established to recommend a director of the Centre of Criminology. Members are: Professor Susan Howson, associate dean, Division II, School of Graduate Studies (chair); Professors Anthony Doob and Carolyn Strange, Centre of Criminology; Joseph Desloges, associate dean, social sciences, Faculty of Arts & Science; Jenny Jenkins, human development and applied psychology, OISE/UT; Noah Meltz, principal, Woodsworth College;

Frank Reid, director, Centre for Industrial Relations; and Kent Roach, Faculty of Law; and Jean-Luc Bilodeau, graduate student, Faculty of Law.

The committee would be pleased to receive nominations from interested persons until May 1. Submissions may be sent to Rachel Weider at the School of Graduate Studies, 65 St. George St.

TASK FORCE

TASK FORCE ON PERSONAL SAFETY & SECURITY IN THE U OF T LIBRARY
The Task Force on Personal Safety &

Security in the University of Toronto Library has been established to investigate policies and procedures relating to the personal safety of all staff and students in the central library system. A final report will be submitted to the library council in May.

The task force wishes to invite members of the university community with an interest in personal safety and security in the central library system to send written submissions or to appear before the task force in person. Submissions or requests to appear at the task force meeting should be sent to Bill Godoy at Roberts Library, 130 St. George St.

The University of Toronto Faculty Association (UTFA) announces the

UTFA TUITION BURSARY AWARDS 1997/98



Ms. Alwyn Burrridge



Ms. Fateme Salehi

UTFA awarded two Tuition Bursaries for the academic year 1997/98 to Ms. Alwyn Burrridge (Department of Near and Middle Eastern Civilizations) and Ms. Fateme Salehi (Life Sciences, Trinity College). Both will not have to pay their tuition fees and incidental costs up to the amount of \$2,000.00. These UTFA Tuition Bursaries can be renewed for subsequent years conditional upon demonstrated need and satisfactory academic standing.

Two other (one graduate and one undergraduate) UTFA Tuition Bursaries will be awarded for the academic year 1998/99. Students from all faculties are eligible and encouraged to apply starting March 1998.

The Tuition Bursaries were set up, because UTFA believes that an inability to pay tuition fees should not be a barrier to obtaining or continuing a university education.

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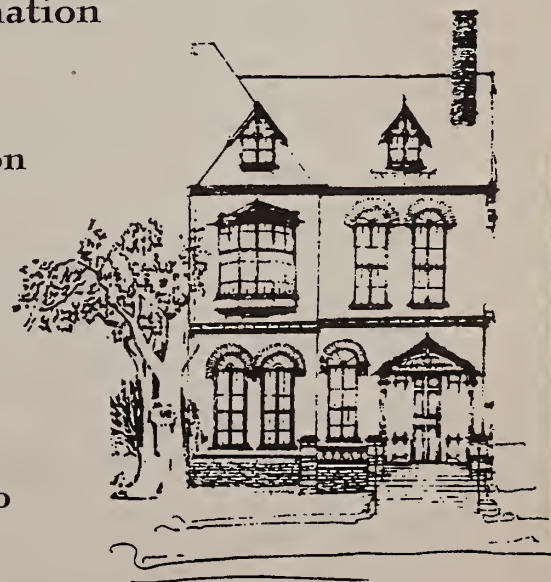
3:00 p.m. to 4:00 p.m.

6:00 p.m. to 8:00 p.m.

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EDITOR: Bruce Rolston • bruce.rolston@utoronto.ca

ASSOCIATE EDITOR: Ailsa Ferguson • ailsa.ferguson@utoronto.ca

PRODUCTION: Michael Andrechuk • C.A.Zyvatkauskas • ca.zyvatkauskas@utoronto.ca

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DIRECTOR: Susan Bloch-Nevitte • s.bloch.nevitte@utoronto.ca

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CONTENT BY DESIGN

A Canadian Heritage strategy for a Canadian knowledge nation

BY SHEILA COPPS

Sheila Copps, MP, is Canada's heritage minister. She spoke March 26 on Designing a Cultural Strategy for a Knowledge Nation as part of the McLuhan program's Canada by Design visionary speakers series. The following is from her address.

AT THE CENTRE OF ANY DISCUSSION ABOUT THE future of our information society lies a fundamental challenge: how do we promote and advance the evolution of new communications technologies while preserving our own unique national identities?

Culture is the soul of a people and the very essence of nationhood. It reflects our history, our values, our dreams and our view of the world. And it holds a cherished place in the hearts and lives of every individual and every country. As evolving technologies continue to remove the constraints of national boundaries, distances and time zones, all countries are faced with the hard fact that cultural identity is becoming more and more valuable, yet harder and harder to preserve.

Today there are only 20 million Europeans who speak a minority language in their own country, compared with 50 million at the turn of the century. In Wales only one per cent of the population still speak Welsh, as opposed to two-thirds of the population in the middle of the last century. Only 20,000 people in Ireland still speak Erse, compared with six million in the 18th century. To me the implication is obvious: globalization must not be allowed to lead to a world monoculture.

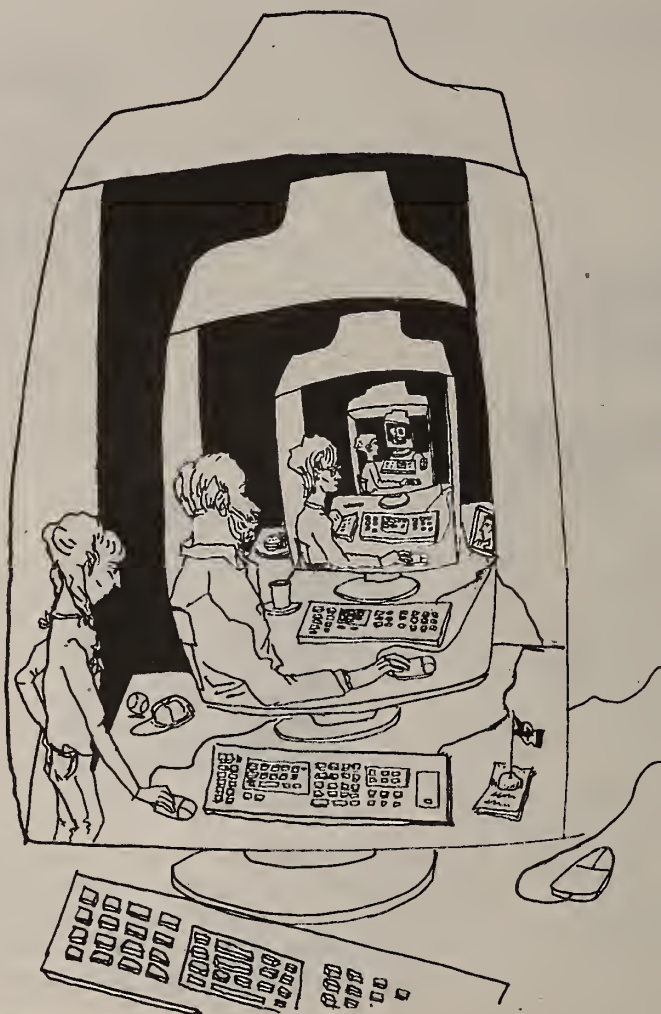
Federal policy has been driven by a belief that culture is important to us as individuals and as a nation. Canada's insistence on its own cultural space obviously has much to do with living next door to the most powerful economic and cultural dynamo in the world. But, more broadly, our argument for cultural diversity as an engine for democracy and creativity is gaining increasing support in world forums such as the G-7, the Asia-Pacific Economic Cooperation and among developing countries. Many countries are coming to Canada to study our cultural framework, and that's an indication we're doing something right.

ITS ABOUT CONTENT, EH?! ALL OF US HERE TODAY ARE citizens of the knowledge-based society. And many of us are consumers on the information highway, through the Internet, CD-ROMs, interactive training tools and other new media products. Although each of us may be seeking different types of content, we are all looking for something that addresses and advances our own perspectives and experiences — something that speaks to us as Canadians. This means being able to hear and share our own stories, to learn and to participate as citizens, consumers and workers.

We must also find ways to maximize the potential of Canada's unique situation. We must find ways to harness our multicultural and multilingual advantage. Canada is a world leader in the production of electronic content in French. More than 30 per cent of all the French-language content on the Internet is Canadian. That said, French Web sites represent less than three per cent of the World Wide Web environment. We can and we should do more so the Internet does not become the Anglonet.

We must continue to use our geographically disparate population and our proximity to the American cultural colossus as catalysts for innovation, research and development of new technologies and new content. But we also have an interest in reaching beyond the boundaries that delineate our communities, our provinces and our country. Our innovators need the capability to take their place in global markets. Canada possesses all the ingredients necessary to assure its success on a global scale: we have access to a number of extraordinary and talented innovators. Some of the world's best graphics and computer animation programs were created here.

As well, our artistic and heritage collections are rich with



Canadian content that can serve as primary material for multimedia products. A lot of our public institutions are making their entry into the world of new media. A good number of our museums have Web sites or offer CD-ROMs displaying materials from their collections.

Content drives use. Whether we are talking about traditional linear media such as television, films, books and theatre or whether we are talking about the new interactive media, the vast majority of people are attracted to consume or experience these media by the content. And that is content that is relevant and interesting to them.

We all know the early adapters, people who are keen to try the latest, the newest, the most innovative technology. They are often motivated by a keen interest in how things work or they may be driven to test and experience the "bleeding edge" of our capabilities. However, early adapters represent a minority — albeit an influential minority — within society. The vast majority of people find bleeding-edge technology — with its bugs and learning curves — to be too difficult or time consuming to learn. They would rather wait until technology has been proven.

CANADA'S CULTURAL SECTOR IS NOT AN ACCIDENT; IT IS AN ACT OF NATIONAL WILL

But even then they are inclined to adapt technology only when the value-added, when the content, offers them something useful or truly unique or of particular interest. Content that is relevant to our daily lives, reflects our experience and sensibilities and is of high quality will drive people's use of the new technologies. We can and must produce Canadian content that satisfies these criteria.

Content is expressed through many media. Now, in

approaching the importance of content and our strategy for promoting it, I take a broad view. Whatever the medium — film, television, publishing, sound recording — we must provide support to promote the creation and access to content that is of interest to Canadians and reflects our unique sensibility.

I WANT TO UNDERLINE THAT CANADA'S CULTURAL sector is not an accident of the market; it is an act of national will. While our policy instruments have evolved over time, the goals of Canada's cultural policy model remain constant: ensure access to Canadian voices and Canadian spaces; promote creation of quality Canadian content; reflect Canada's diversity; protect Canada's heritage; and contribute to Canada's economic growth and prosperity.

Currently Canadian Heritage is examining the ways in which we can support the new media industry more directly. Our goal is to devise measures that draw on our successes of the past with traditional media but which also recognize the uniqueness of new media. I have asked my department to consult those involved in the creation and development of new media content. I want to know what obstacles they face and how government can assist them in overcoming these obstacles. And Canadian Heritage, together with the CRTC and Industry Canada, has commissioned a study to examine mechanisms that could be used to promote the new media industry in Canada.

We have been told several things regarding how best to support the development of Canadian content. First — what kind of content should we support? Content by Canadians or content that tells Canadian stories to Canadians (and often the rest of the world)? This issue is the subject of active debate in the new media community.

We must provide support for both Internet delivery and delivery using physical media such as CD-ROMs and DVDs. We are being told that, while the issues of connectedness and bandwidth are being addressed, we must nevertheless not forget that the principal delivery medium for high-end interactive content continues to be these "traditional" new media. So we must have an approach that is blind to delivery medium but seeks to support quality, engaging content that may be delivered through a variety of media.

In the new media, marketing is becoming even more important than ever. The cost of marketing and promoting a high-quality CD-ROM (let's take *The Canadian Encyclopedia* as a successful example) will be at a minimum as great or probably twice as great as the actual cost of developing and producing this content product. So we are being urged to provide support for marketing and promotion — both in the traditional retail distribution environment and in the emerging online distribution model.

The cost to produce high-quality interactive content products is easily on a par with the cost of producing a traditional television program. For entrepreneurs and emerging companies attempting to develop high-quality content, the very newness of the medium and the fact that a successful business model has not yet been defined make it extremely difficult to obtain the financing necessary to bring their visions to reality. We are told that this is a pressing problem that government must play a part in addressing.

These are some of the issues that I am being urged to address. We've given to Canadians consumer choices with Canadian voices. Our challenge now is to harness new technologies and build on our strengths to shape an environment where Canadian new media content can thrive.

We have to do everything in our power to see that new media becomes one of the great Canadian success stories. We must put in place a framework of policies, programs and ideas to help guide the progress — to use these new innovations to serve humanity, strengthen Canada and enhance Canadian cultural expression. And everyone — government, business, the not-for-profit sector, schools, libraries, museums and heritage institutions — all Canadians have a role to play.